

Appendix D
Example Quantitative Precipitation Forecast

< < < < < < **HMS QUANTITATIVE PRECIPITATION FORECAST** > > > > > >
HENZ METEOROLOGICAL SERVICES
QUANTITATIVE PRECIPITATION FORECAST (QPF)
DATE/TIME: 1100 AM DAY MONTH DD YYYY

..... SERIOUS URBAN FLOODING POTENTIAL TODAY.....

SYNOPSIS: Monsoonal moisture and the passage of an upper level disturbance will create a serious urban flooding situation today. The problem will be especially acute in Arapahoe, Douglas, and Denver Counties. Potential life-threatening rainfall of 5-8 in. is possible in these areas. Prime time for the storms will be from 2:00 pm until 7:00 pm.

Updated forecasts and weather bulletins will be issued within the next 2 hr.

HMS QPF PREDICTION

STORM FORECAST DEPTHS in millimeters (inches)

TYPES	10 min	30 min	60 min	Total	Notes
Light	12.7 (0.50)	20.3 (0.80)	25.4 (1.00)	< 50 (< 2.00)	Severe weather possible
Moderate	25.4 (1.00)	38.1 (1.50)	63.5 (2.50)	50-13 (2-5)	
Heavy	30.5 (1.20)	55.4 (2.20)	102 (4.00)	130-200(5-8)	

BASIN SPECIFIC STORM TYPE AND PROBABILITIES (%)

Major Basins	TYPE: AMTS:	Lt < 50 mm (< 2 in.)	Mod 50-130 m (2-5 in.)	Hvy 130-200 5-8 in.	Problem Areas
Boulder Creek		40	20	10	Boulder Creek tributaries
Big Dry Creek		60	20	10	Westminster area tributaries
Clear Creek		80	40	20	Lena Gulch, Ralston Creek
Central Denver - West		80	40	60	Urban streams and streets
Central Denver - East		80	60	30	I-25, Harvard Gulch
Bear Creek		60	60	30	Mt. Vernon Creek
South Side - East		80	60	30	Urban streams and streets
South Side - West		90	70	50	Urban streams and streets
Cherry Creek		90	70	50	Goldsmith Gulch
Sand Creek		90	70	30	Westerly Creek, Toll Gate Creek
First Creek - West		60	40	20	Urban streams and streets
First Creek - East		80	40	20	Urban streams and streets